



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAMBDA ENERGY RESOURCES, LLC

Name:

ClientProj: 2018100149.01

GTA ProjNo: 013120-2

Site Addr: NORWICH CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 1/31/2020

Time Rec: 12:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	1/31/2020		WATER
2	MW-5	1/31/2020		WATER
3	MW-4	1/31/2020		WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 1
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 2
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 3
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	4.6	1.0	ug/L (PPB)	MR		2/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	43	1.0					
Xylene(Total)	90	3.0					
1,2,4-Trimethylbenzene	35	1.0					
1,3,5-Trimethylbenzene	7.2	1.0					
Naphthalene	5.4	5.0					
2-Methylnaphthalene	14	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 1
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-2							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/3/2020	WATER

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 2
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-5 CHLORIDE EPA 300.0	170	10	mg/L (PPM)	LV	2/3/2020	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100149.01
LOCATION: NORWICH CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 013120-2
GTA SAMPLE NO: 3
DATE SAMPLED: 1/31/2020
TIME SAMPLED:
DATE RECEIVED: 1/31/2020
TIME RECEIVED: 12:40 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/3/2020	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2018100149.01	SITE NAME/ADDRESS Normwich CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gervie	COMPANY Gosling Czubak	GTA PROJECT # 013120-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	1-31-20		GW	BTEX & Chloride
2	MW-5	↓		↓	↓
3	MW-4	↓		↓	BTEX+4 & Chloride

BILL TO:

REPORT TO:

Lambda Energy Resources

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Joshua Gervie 1-31-20/1240

Jeff Simsa 1/31/20 1240
rec 4.00

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**